Manuale di servizio GD6
Service manual GD6

Conservare per futura consultazione.
To be kept for future advice.

MA_H006_GD6_Service Manual rev.01
04/03/2011 - 999999000267

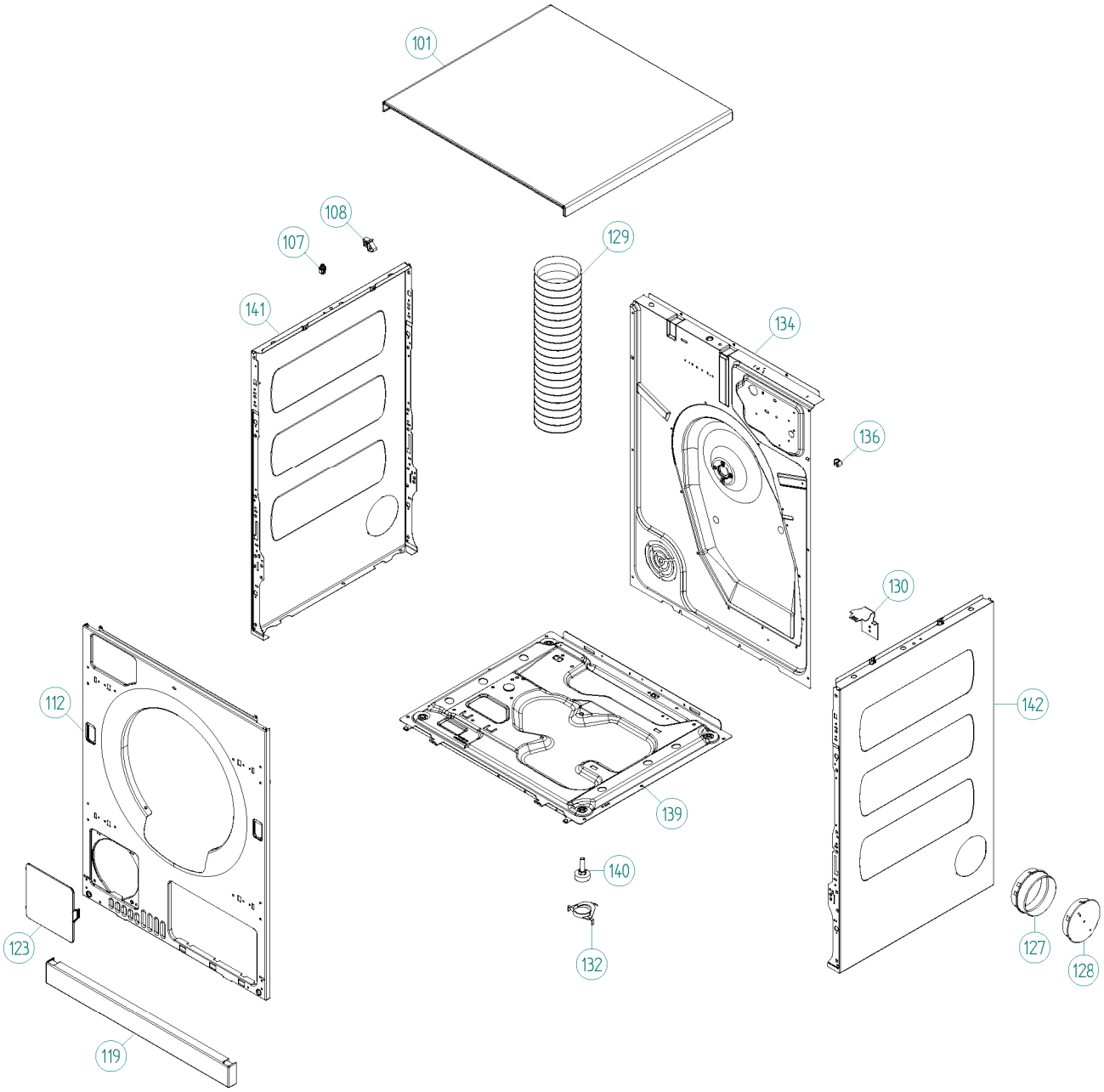
GD6 Con ventilatore

GD6 Vented version

Pannellatura esterna
Outer casing

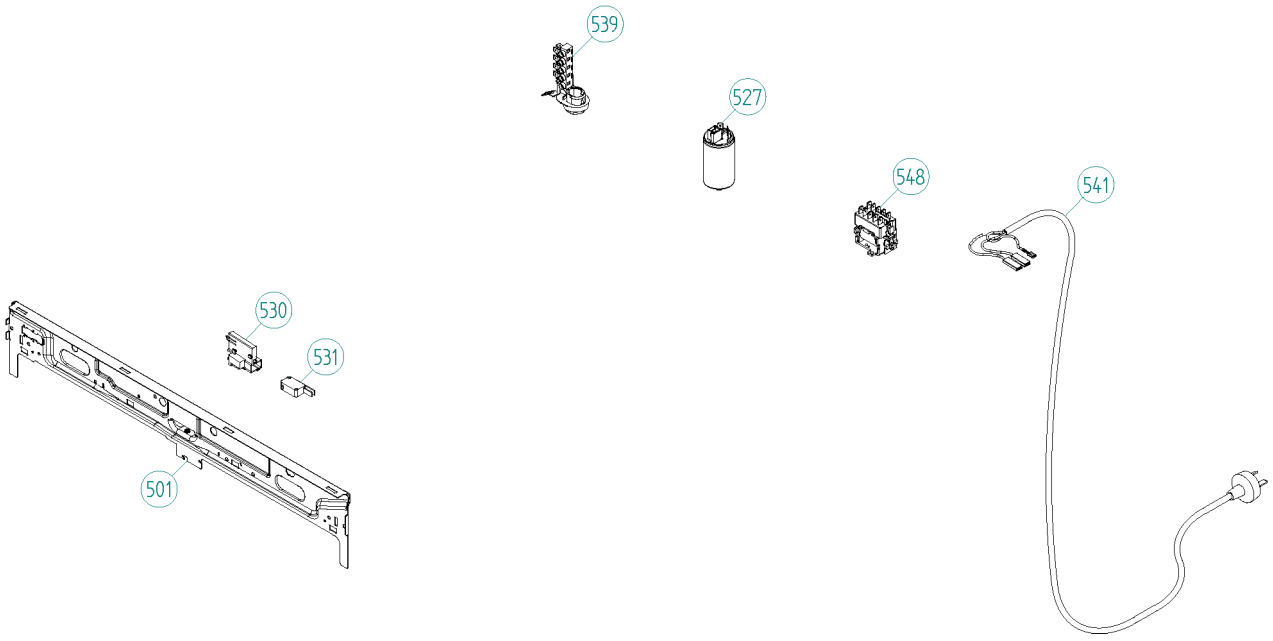
Pos	Code	Descrizione	Description	Qty.
101	GR37ASK8061817-81	COPERCHIO SUPERIORE GRIGIO	TOP COVER GREY METALLIC	1 Pc's
101-a	GR37ASK8900338	VITE Vedi GR36ASK8902362	SCREW Repl.by 8902362	3 Pc's
101-b	GR37ASK8901413	RONDELLA AZ 4,3 ZINCATA	LOCK WASHER AZ 4,3 GALV	2 Pc's
107	GR37ASK8061763	GUIDA PER PANNELLO FRONTALE/ COPERCHIO	GUIDE FRONT PLATE/TOP COVER	2 Pc's
108	GR37ASK8061916	SUPPORTO CAVI WMD20 UL4	CABLE HOLDER WMD20 UL4	1 Pc's
112	GR37ASK8084382-C-81	FRONTE	FRONT	1 Pc's
112-a	GR37ASK8900338	VITE Vedi GR36ASK8902362	SCREW Repl.by 8902362	2 Pc's
112-b	GR37ASK8900327	VITE RTS ST 4,2X13 FZB T20	SCREW RTS ST 4,2X13 FZB T20	4 Pc's
119	GR37ASK8076080-81	CHIUSURA FRONTALE INFERIORE	PLINTH	1 Pc's
123	GR37ASK8076075-81	COPERTURA PER VENTOLA	COVER FOR FAN HOUSING	1 Pc's
127	GR37ASK8052641	TRONCONE DI CANALE DI SCARICO UL4	STUB EXHAUSTCANAL UL4	1 Pc's
128	GR37ASK8052640-81-UL	COPERCHIO CANALE DI SCARICO GRIGIO UL4	LID EXHAUST CANAL GREY UL4	2 Pc's
129	GR37ASK8064115	TUBO ARIA CON PASSAGGIO CAVI	AIR HOSE WITH CABLE STRIP	1 Pc's
130	GR37ASK8053980	STAFFA DI SICUREZZA	TIP GUARD SURFACE CONDITIONED	2 Pc's
132	GR37ASK8064114	SET AUTOADESIVI, IN SACCHETTO (2pcs)	CUP SELF ADHESIVE,IN BAG(2pcs)	1 Pc's
134	GR37ASK8076336-A	PANNELLO POSTERIORE ESTERNO	REAR PANEL OUTER	1 Pc's
134-a	GR37ASK8900338	VITE Vedi GR36ASK8902362	SCREW Repl.by 8902362	10 Pc's
136	GR37ASK8083561	SUPPORTO CAVI TD	CABLE HOLDER TD	1 Pc's
139	GR37ASK8061618	PANNELLO DI BASE WMD20	BOTTOM WMD20	1 Pc's
140	GR37ASK8059334	PIEDINO IN GOMMA D35xM10 INC. DADO	RUBBER FOOT D35xM10 INC. NUT	4 Pc's
141	GR37ASK8801175-81	PANNELLO LATERALE COMPL. SINISTRO TD20 EXH	SIDE PLATE COMPL.LEFT TD20 EXH	1 Pc's
142	GR37ASK8801176-81	PANNELLO LATERALE COMPL. DESTRO TD20 EXH	SIDE PLATE COMPL.RIGHT TD20EXH	1 Pc's

Pannellatura esterna
Outer casing



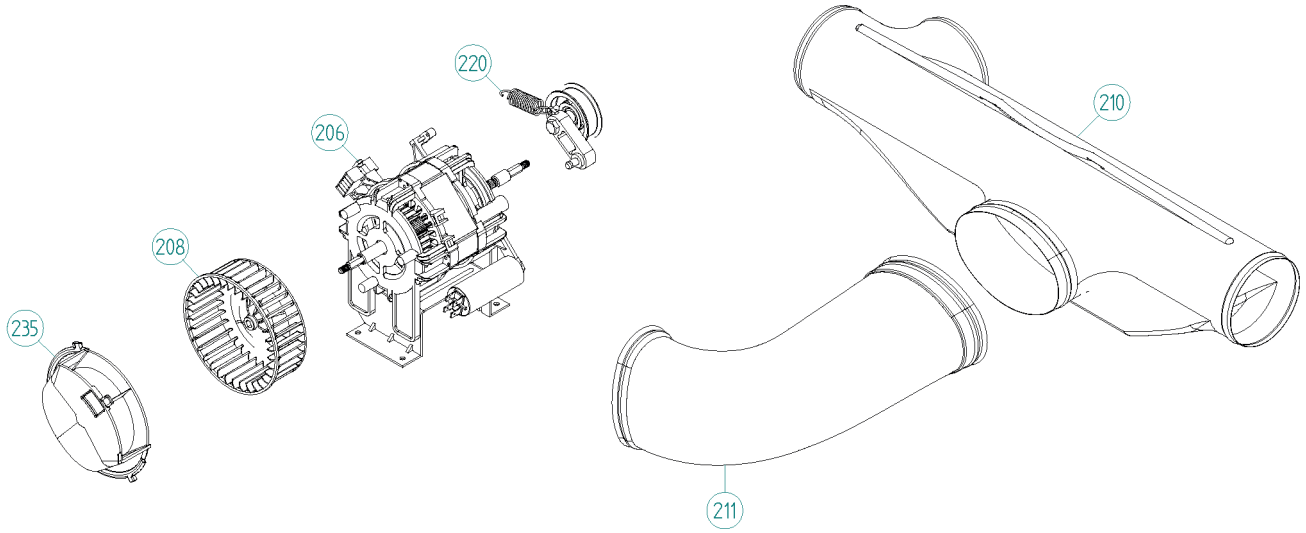
Parte superiore
Upper session

Pos	Code	Descrizione	Description	Qty
501	GR37ASK8076029	STAFFA FRONTALE	FRONTBEAM	1 Pc's
501-a	GR37ASK8900338	VITE vedi GR36ASK8902362	SCREW Repl.by 8902362	2 Pc's
501-b	GR37ASK8901413	RONDELLA AZ 4,3 ZINCATA	LOCK WASHER AZ 4,3 GALV	2 Pc's
527	GR37ASK8076202	FILTRO EMC CON INDUTTORE	EMC-FILTER WITH INDUCTOR	1 Pc's
527-a	GR37ASK8901155	DADO M6M8 BH8 ZINCATO	NUT M6M8 BH8 GALV	1 Pc's
527-b	GR37ASK8901419	RONDELLA AZ 8,4 ZINCATA	LOCK WASHER AZ 8,4 GALV	1 Pc's
529	GR37ASK8079845	SET CAVI NTC-V TD UL4	CABLE SET NTC-V TD UL4	1 Pc's
529	GR37ASK8083027	SET CAVI EL TD UL4	CABLE SET EL TD UL4	1 Pc's
529	GR37ASK8082567	SET CAVI P TD UL4	CABLE SET P TD UL4	1 Pc's
529	GR37ASK8083019	SET CAVI LB TD UL4	CABLE SET LB TD UL4	1 Pc's
529	GR37ASK8083195	SET CAVI MO RA TD60.C	CABLE SET MO RA TD60.C	1 Pc's
529	GR37ASK8083570	CAVO RA-MO-RB-R34 TD60.C	CABLE RA-MO-RB-R34 TD60.C	1 Pc's
530	GR37ASK8077519	STAFFA PER MICRO PORTA	BRACKET FOR DOOR SWITCH	1 Pc's
531	GR37ASK8073836	MICROINTERRUTTORE PORTA	MICROSWITCH DOOR	1 Pc's
539	GR37ASK8061660	MORSETTIERA PRINCIP. 5 POLI	TERMINAL BLOCK 5-POLE	1 Pc's
539-a	GR37ASK8901097	VITE MRT-TT 4X10 FZB T20	SCREW MRT-TT 4X10 FZB T20	1 Pc's
541	GR37ASK8078983	CAVO PRINCIPALE 5X1.5X2000 90C	MAINS CABLE 5X1.5X2000 90C	1 Pc's
548	GR37ASK8064179	CONTATTORE 4S 50/60HZ	CONTACTOR 4S 50/60HZ	1 Pc's



Parte inferiore
Lower session

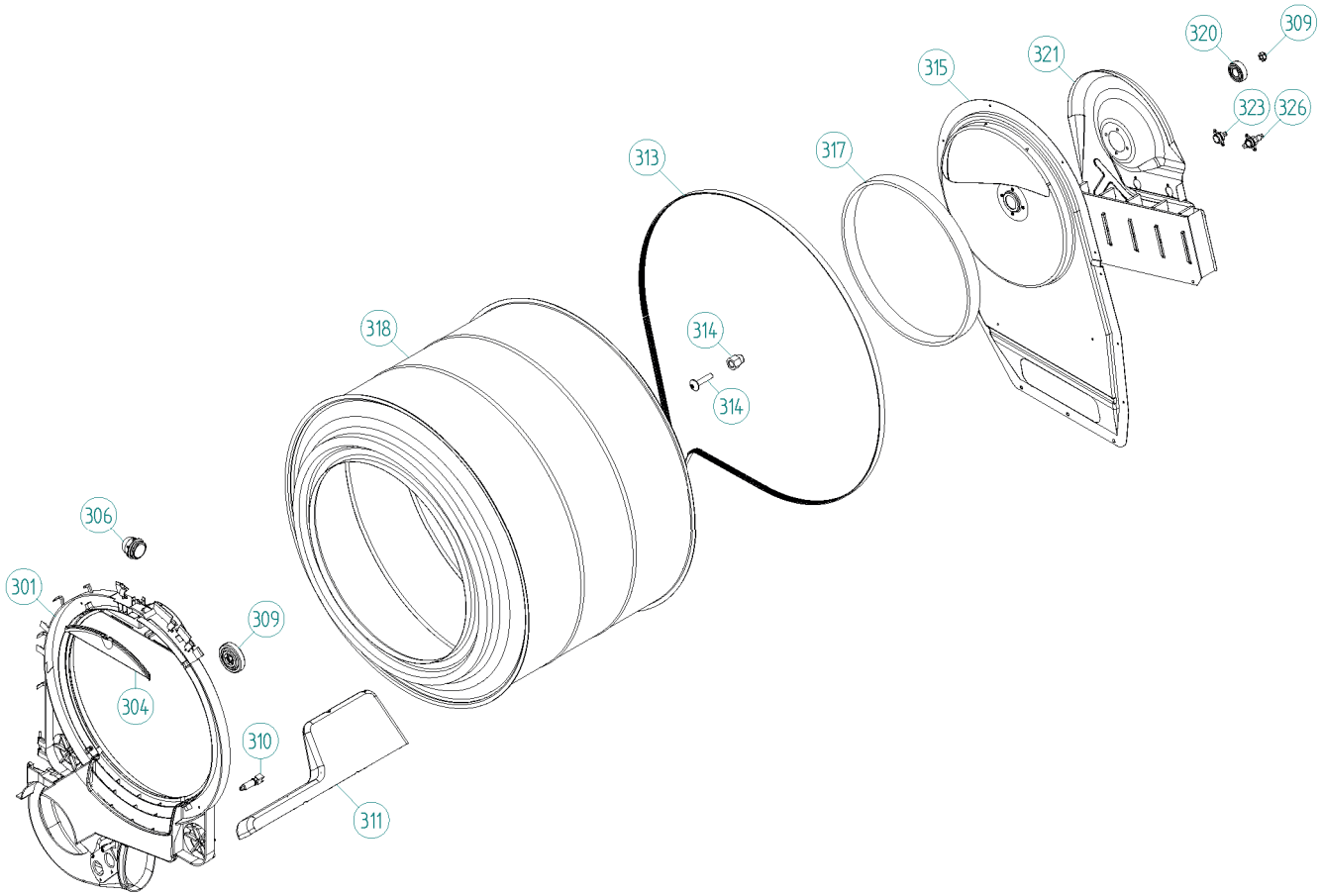
Pos	Code	Descrizione	Description	Qty
206	GR37ASK8061824	MOTORE COMPLETO TD20	MOTOR COMPL. TD20	1 Pc's
206-a	GR37ASK8901969	VITE MRT-TT 5x12 FZB T20	SCREW MRT-TT 5x12 FZB T20	4 Pc's
206-b	GR37ASK8080119	CONDENSATORE 8UF 450V P2 CLASS	CAPACITOR 8UF 450V P2 CLASS	1 Pc's
208	GR37ASK8065797	VENTOLA 120MM UL4	FAN IMPELLER 120MM UL4	1 Pc's
210	GR37ASK8052638	CANALE DI SCARICO T-TUBE UL4	EXHAUSTCANAL T-TUBE UL4	1 Pc's
211	GR37ASK8052639	CURVA CANALE DI SCARICO UL4	EXHAUSTCANAL BEND UL4	1 Pc's
220	GR37ASK8801214	BRACCIO DI TENSIONE CON CUSCINETTO	TENSION ARM W.BALL BEARING	1 Pc's
235	GR37ASK8077484-49	COPERTURA PER CHIOCCIOLA VENTILATO-RE	COVER FOR FAN HOUSING	1 Pc's



Vasca e parti correlate
Cylinder and related parts

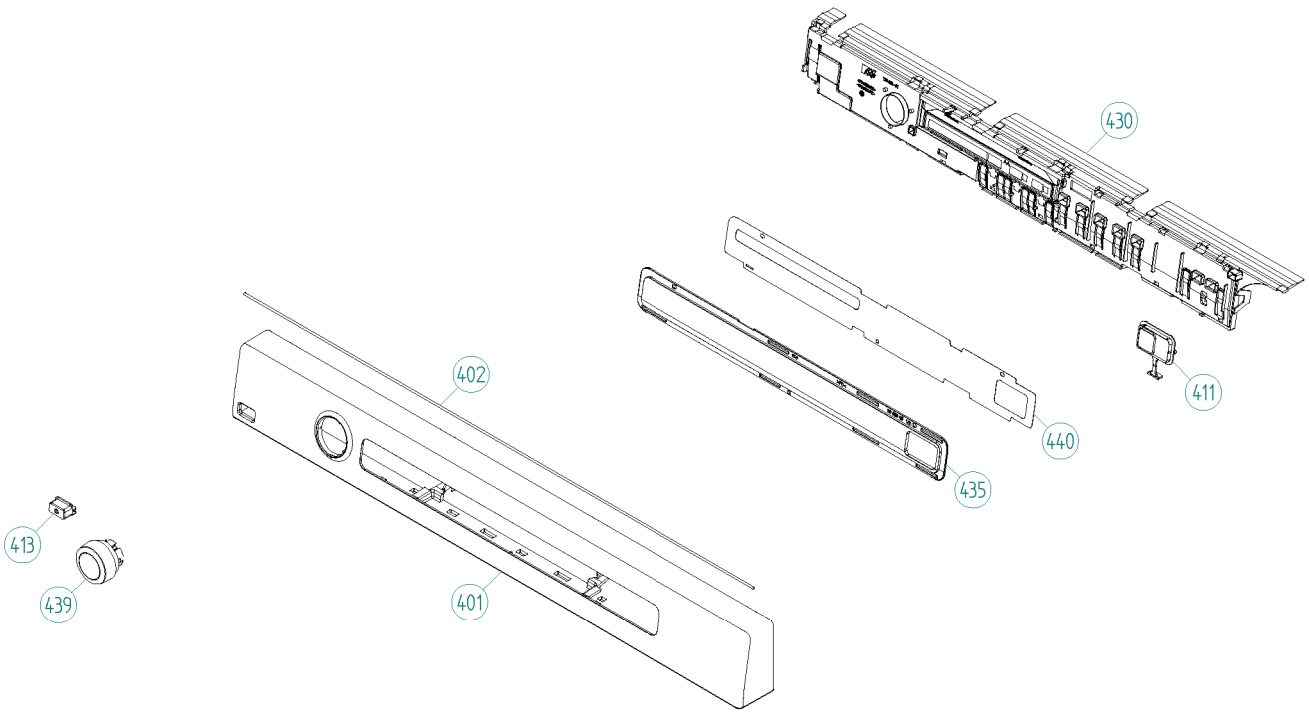
Pos	Code	Descrizione	Description	Qty
301	GR37ASK8801322	TELAIO COMPLETO TD60	FRONT FRAME COMPL. TD60	1 Pc's
301	GR37ASK8083949-49	TELAIO COMPLETO	FRONT FRAME COMPL.	1 Pc's
304	GR37ASK8061932-49	COPERCHIO GRIGIO SEDE LAMPADA UL4	LAMP HOUSING LID GREY UL4	1 Pc's
306	GR37ASK8061887	SUPPORTO PER LAMPADA ULTEM TD20 UL4	LAMP CHIMNEY ULTEM TD20 UL4	1 Pc's
309	GR37ASK8052622	SUPPORTO RULLO COMPLETO	SUPPORT ROLLER COMPLETE	2 Pc's
309-a	GR37ASK8901337	RONDELLA BRB 8,4X16 HB 200 ZINCATA	WASHER BRB 8,4X16 HB 200 GALV	2 Pc's
309-b	GR37ASK8901193	DADO AUTOBLOCC. 8 BH8 ZINCATO	NUT LOC-KING 8 BH8 GALV	2 Pc's
309-c	GR37ASK8901028	VITE M6S 8.8 M8x25 FZB	SCREW M6S 8.8 M8x25 FZB	2 Pc's
310	GR37ASK8083344	TERMISTORE TD	THERMISTOR TD	1 Pc's
311	GR37ASK8052589-49	SBATTITORE TD	PADDLE TD	2 Pc's
311-a	GR37ASK8902099	VITE PTK 50X14 WN1452 FZB T20	SCREW PTK 50X14 WN1452 FZB T20	5 Pc's
313	GR37ASK8801267	KIT GUIDA CINGHIE+MOLLA DI TENSIONAM.	KIT DRIVEBELT+TENSIONER SPRING	1 Pc's
313	GR37ASK8088503	GUIDA CINGHIE 7PH 1970 5D	DRIVEBELT 7PH 1970 5D	1 Pc's
314	GR37ASK8052632	BOCCOLA	BEARING BUSH	1 Pc's
314-a	GR37ASK8901130	VITE A4-MVBF M8X40 7,9-8,0 HG	SCREW A4-MVBF M8X40 7,9-8,0 HG	1 Pc's
315	GR37ASK8076335	PANNELLO POSTERIORE INTERNO TD25	REAR PANEL INNER TD25	1 Pc's
317	GR37ASK8083190	FELTRO DI CHIUSURA POST. CON SPUGNA	FELTSEALING REAR W. FOAM	1 Pc's
318	GR37ASK8079449	CESTO COMPLETO TD	CYLINDER COMPL. TD	1 Pc's
318	GR37ASK8079493	CESTO COMPLETO TD	CYLINDER COMPL. TD	1 Pc's
320	GR37ASK8004439	CUSCINETTO SKF 6202-2Z/C3Q66	BALL BEARING SKF 6202-2Z/C3Q66	1 Pc's
321	GR37ASK8082932	RESISTENZA RISCALDAMENTO 3000W	HEATING ELEMENT 3000W	1 Pc's
321-a	GR37ASK8900369	VITE RTS 4,8X13 FZB T25	SCREW RTS 4,8X13 FZB T25	2 Pc's
321-b	GR37ASK8901415	RONDELLA AZ 5,3 GALV	LOCK WASHER AZ 5,3 GALV	2 Pc's
323	GR37ASK8079200	TERMOSTATO 135C TD	THERMOSTAT 135C TD	1 Pc's
326	GR37ASK8077385	TERMOSTATO 150C 1/2"	THERMOSTAT 150C 1/2"	1 Pc's

Vasca e parti correlate
Cylinder and related parts

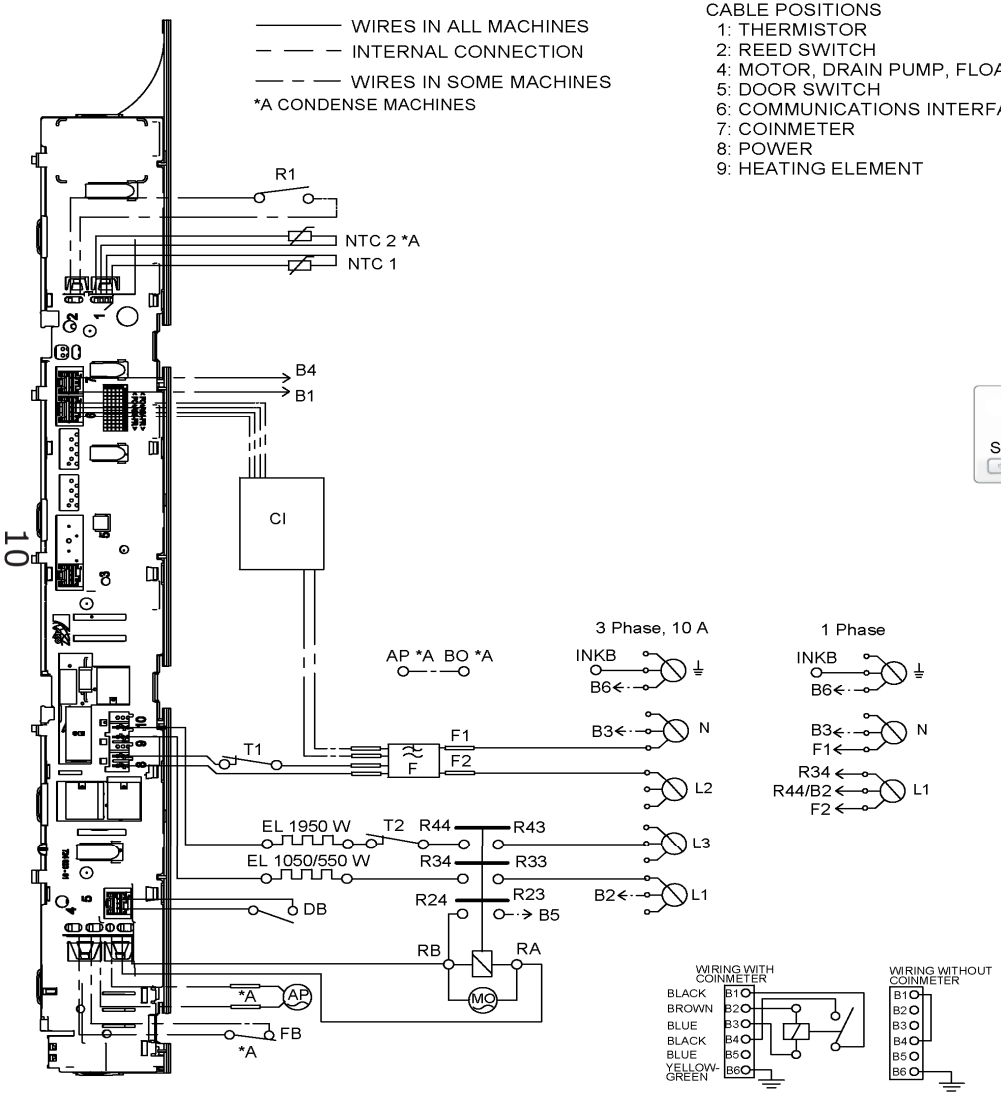


Pannello di controllo
Control panel

Pos	Code	Descrizione	Description	Qty
401	GR37ASK8080887-69	PANNELLO WMD60.2 MECCANICA	PANEL WMD60.2 MECH.	1 Pc's
402	GR37ASK8079749	CAVO O-RING IN GOMMA	O-RING CORD CELLULAR RUBBER	1 Pc's
411	GR37ASK8081749-69	PULSANTE START/STOP STAMPATO TD	PUSHBUT. START/STOP PRINTED TD	1 Pc's
413	GR37ASK8081710-69	PULSANTE PRINCIPALE WMD60.2	PUSHBUTTON MAIN SWITCH WMD60.2	1 Pc's
430	GR37ASK8080629	UNITA' DI CONTROLLO TD60.C	CONTROL UNIT TD60.C	1 Pc's
435	GR37ASK8083316	LENTE 0-OPTIONS WMD60.2	LENS 0-OPTIONS WMD60.2	2 Pc's
439	GR37ASK8083075-69	MANOPOLA OEM WMD60.2	KNOB OEM WMD60.2	1 Pc's
440	GR37ASK8083375-81	MEMBRANA DECORATIVA 0-OPTIONS WMD60.C	DECOR PLATE 0-OPTIONS WMD60.C	1 Pc's
469	GR37ASK8083064	SET CAVI SELF-SERVICE WMD60.C	CABLE SET COIN OP. WMD60.C	1 Pc's
469	GR37ASK8086440	SET CAVI SELF-SERVICE CASSETTO GETTONIERA	CABLE SET COIN BOX	1 Pc's



Schema elettrico
Circuit diagram

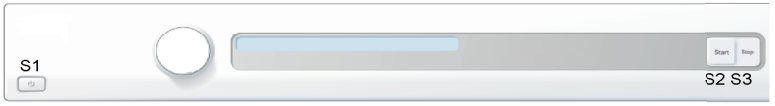


CABLE POSITIONS
1: THERMISTOR
2: REED SWITCH
4: MOTOR, DRAIN PUMP, FLOAT SWITCH
5: DOOR SWITCH
6: COMMUNICATIONS INTERFACE
7: COINMETER
8: POWER
9: HEATING ELEMENT

RESISTANCES AT ROOM TEMPERATURE (CA. 20°C/68°F)
VALUES WITH +/-10% ARE REGARDED AS NORMAL COMPONENT

F: RADIO INTERFERENCE SUPPRESSION FILTER	680K Ohm
NTC 1: THERMISTOR 1	4 - 6 K Ohm
NTC 2: THERMISTOR 2:	4 - 6 K Ohm
AP: DRAIN PUMP:	111 Ohm
EL: HEATING ELEMENT 550W	91.4 Ohm
EL: HEATING ELEMENT 1050W	45.3 Ohm
EL: HEATING ELEMENT 1950W	20.5 Ohm

MO: MOTOR
T1: THERMOSTAT, OVERHEATING (HEATER)
T2: THERMOSTAT, OVERHEATING (HEATER)
FB: FLOAT SWITCH
DB: DOOR SWITCH
R1: REED SWITCH
CI: COMMUNICATIONS INTERFACE



SERVICE MENU
TURN OFF POWER (S1)
WAIT FOR AT LEAST 5 SEC
HOLD S2
TURN ON POWER (S1)
PRESS S2 5 TIMES TO ENTER SERVICE MENU

PRESS STOP (S3) TO CHANGE MENU STEP
ROTATE DIAL TO CHANGE IN STEP
PRESSING START (S2) STORES AND EXITS SERVICE MENU

USER SETTINGS MENU
TURN OFF POWER (S1)
WAIT FOR AT LEAST 5 SEC
HOLD S3
TURN ON POWER (S1)
PRESS S3 5 TIMES TO ENTER MENU

2009-12-03

CIRCUIT DIAGRAM

80 807 14 - 01

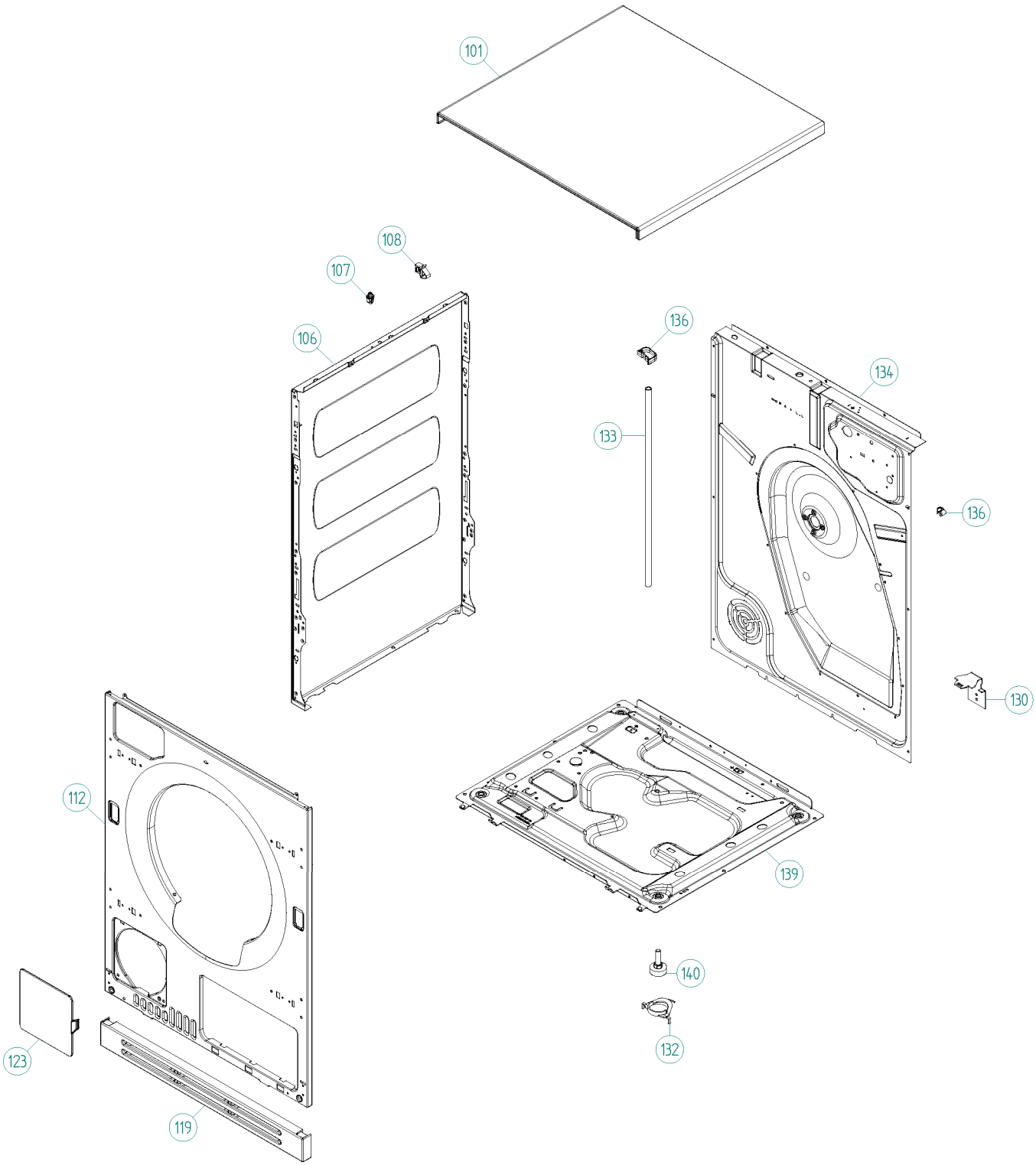
GD6 Con condensatore

GD6 Condensed version

Pannellatura esterna
Outer casing

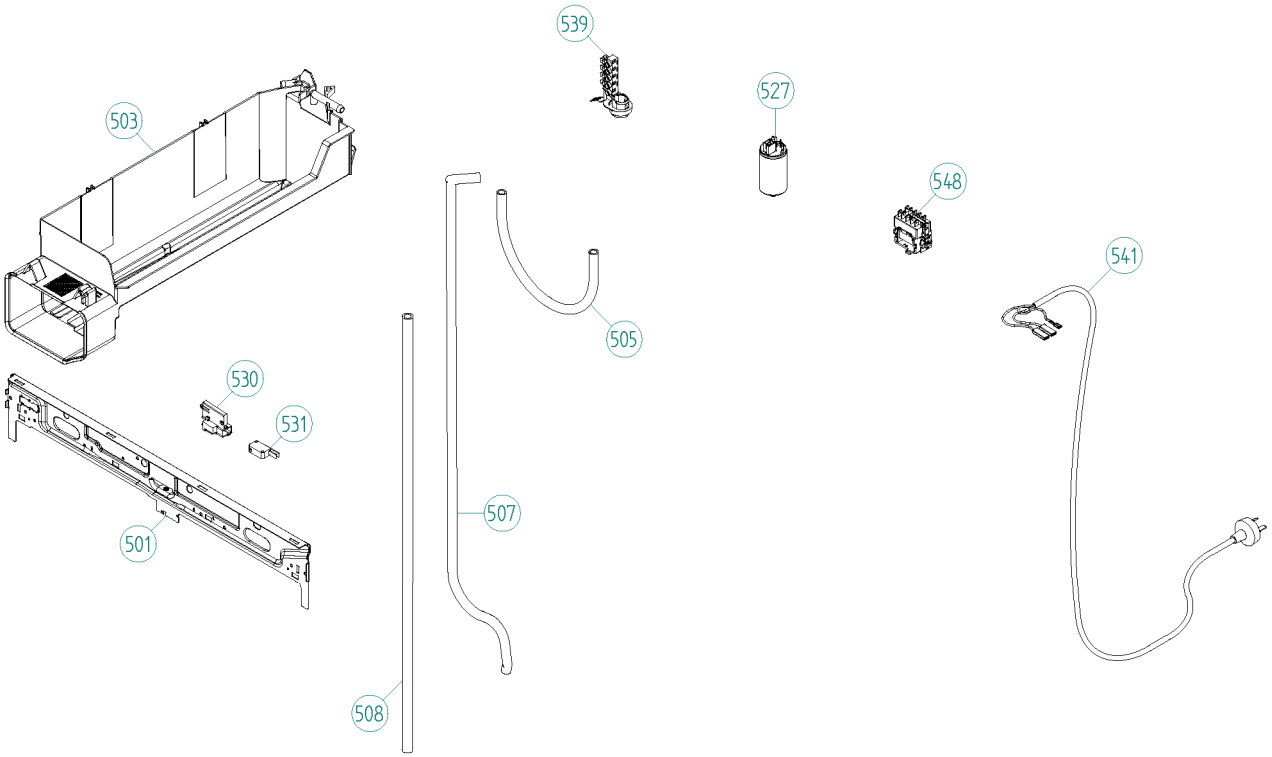
Pos	Code	Descrizione	Description	Qty
101	GR37ASK8061817-81	COPERCHIO SUPERIORE GRIGIO	TOP COVER GREY METALLIC	1 Pc's
101-a	GR37ASK8900338	VITE Vedi GR36ASK8902362	SCREW Repl.by 8902362	3 Pc's
101-b	GR37ASK8901413	RONDELLA AZ 4,3 ZINCATA	LOCK WASHER AZ 4,3 GALV	2 Pc's
106	GR37ASK8801174-81	PANNELLO LATERALE COMPL. WM20	SIDE PLATE COMPL. WM20	2 Pc's
107	GR37ASK8061763	GUIDA PER PANNELLO FRONTALE/ COPERCHIO	GUIDE FRONT PLATE/TOP COVER	2 Pc's
108	GR37ASK8061916	SUPPORTO CAVI WMD20 UL4	CABLE HOLDER WMD20 UL4	1 Pc's
112	GR37ASK8084382-GHC-81	FRONTE	FRONT	1 Pc's
112-a	GR37ASK8900338	VITE Vedi GR36ASK8902362	SCREW Repl.by 8902362	2 Pc's
112-b	GR37ASK8900327	VITE RTS ST 4,2X13 FZB T20	SCREW RTS ST 4,2X13 FZB T20	4 Pc's
119	GR37ASK8077511-81	CHIUSURA FRONTALE INFERIORE	PLINTH CONDENSER	1 Pc's
123	GR37ASK8076075-81	COPERTURA PER VENTOLA	COVER FOR FAN HOUSING	1 Pc's
130	GR37ASK8053980	STAFFA DI SICUREZZA	TIP GUARD SURFACE CONDI-TIONED	2 Pc's
132	GR37ASK8064114	SET AUTOADESIVI, IN SACCHET-TO (2pcs)	CUP SELF ADHESIVE,IN BAG(2pcs)	1 Pc's
133	GR37ASK8054733	TUBO GOMMA 9X13X2000	RUBBER HOSE 9X13X2000	1 Pc's
134	GR37ASK8076336	PANNELLO POSTERIORE ESTERNO TD25	REAR PANEL OUTER TD25	1 Pc's
134	GR37ASK8076336-A	PANNELLO POSTERIORE ESTERNO	REAR PANEL OUTER	1 Pc's
134-a	GR37ASK8900338	VITE Vedi GR36ASK8902362	SCREW Repl.by 8902362	10 Pc's
136	GR37ASK8079928	SUPPORTO FERMA TUBO	HOSE FRAME	2 Pc's
136	GR37ASK8083561	SUPPORTO CAVI TD	CABLE HOLDER TD	1 Pc's
139	GR37ASK8061618	PANNELLO DI BASE WMD20	BOTTOM WMD20	1 Pc's
140	GR37ASK8059334	PIEDINO IN GOMMA D35xM10 INC. DADO	RUBBER FOOT D35xM10 INC. NUT	4 Pc's

Pannellatura esterna
Outer casing



Parte superiore
Upper session

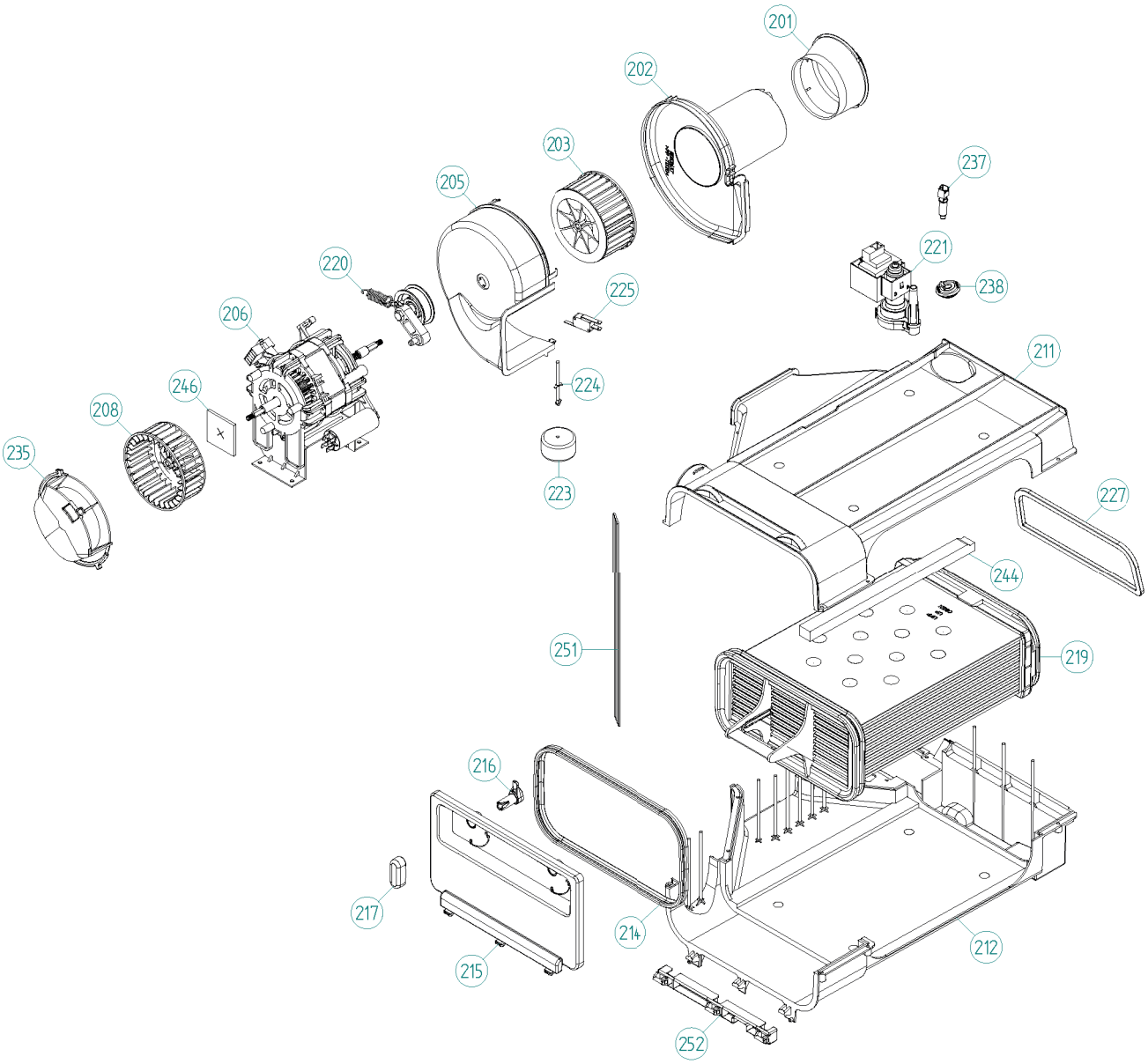
Pos	Code	Descrizione	Description	Qty
501	GR37ASK8076029	PONTE FRONTALE	FRONT BEAM	1 Pc's
501-a	GR37ASK8900338	VITE vedi GR36ASK8902362	SCREW Repl.by 8902362	2 Pc's
501-b	GR37ASK8901413	VITE vedi GR36ASK8902362	LOCK WASHER AZ 4,3 GALV	2 Pc's
503	GR37ASK8077502-49	SEDE TANICA RECUPERO CONDENSA	HOUSING WATER TANK	1 Pc's
503-a	GR37ASK8902087	VITE PTK 40X14 WN1452 FZB T20	SCREW PTK 40X14 WN1452 FZB T20	2 Pc's
505	GR37ASK8057431	TUBO GOMMA 9X13X500	RUBBER HOSE 9X13X500	1 Pc's
507	GR37ASK8088169	TUBO GOMMA 9X13X950	RUBBER HOSE 9X13X950	1 Pc's
508	GR37ASK8053881	TUBO GOMMA 10X15X717	RUBBER HOSE 10X15X717	1 Pc's
527	GR37ASK8076202	FILTRO EMC CON INDUTTORE	EMC-FILTER WITH INDUCTOR	1 Pc's
527-a	GR37ASK8901155	DADO M6M8 BH8 ZINCATO	NUT M6M8 BH8 GALV	1 Pc's
527-b	GR37ASK8901419	RONDELLA AZ 8,4 ZINCATA	LOCK WASHER AZ 8,4 GALV	1 Pc's
529	GR37ASK8079844	SET CAVI NTC-C TD UL4	CABLE SET NTC-C TD UL4	1 Pc's
529	GR37ASK8083027	SET CAVI EL TD UL4	CABLE SET EL TD UL4	1 Pc's
529	GR37ASK8082567	SET CAVI P TD UL4	CABLE SET P TD UL4	1 Pc's
529	GR37ASK8083019	SET CAVI LB TD UL4	CABLE SET LB TD UL4	1 Pc's
529	GR37ASK8083194	SET CAVI AP FB MO RA TD60.C UL4	CAB.SET AP FB MO RA TD60.C UL4	1 Pc's
529	GR37ASK8083570	CAVO RA-MO-RB-R34 TD60.C	CABLE RA-MO-RB-R34 TD60.C	1 Pc's
530	GR37ASK8077519	STAFFA PER MICRO PORTA	BRACKET FOR DOOR SWITCH	1 Pc's
531	GR37ASK8073836	MICROINTERRUTTORE PORTA	MICROSWITCH DOOR	1 Pc's
539	GR37ASK8061660	MORSETTIERA PRINCIP. 5 POLI	TERMINAL BLOCK 5-POLE	1 Pc's
539-a	GR37ASK8901097	VITE MRT-TT 4X10 FZB T20	SCREW MRT-TT 4X10 FZB T20	1 Pc's
541	GR37ASK8078983	CAVO PRINCIPALE 5X1.5X2000 90C	MAINS CABLE 5X1.5X2000 90C	1 Pc's
548	GR37ASK8064179	CONTATTORE 4S 50/60HZ	CONTACTOR 4S 50/60HZ	1 Pc's



Parte inferiore
Lower session

Pos	Code	Descrizione	Description	Qty
201	GR37ASK8061940	TRONCONE DI CANALE ESTERNO UL4	STUB AIRCANAL EXTERNAL AIR UL4	1 Pc's
202	GR37ASK8052637	INVOLUCRO VENTOLA LATO INGRESSO UL4	EXT.AIR FAN CASING INLET SIDE UL4	1 Pc's
203	GR37ASK8061960	VENTOLA DIAM. 108	FAN IMPELLER DIA. 108	1 Pc's
205	GR37ASK8052636	INVOLUCRO VENTOLA LATO MOTORE UL4	EXT.AIR FAN CASING MOTOR SIDE UL4	1 Pc's
206	GR37ASK8061824	MOTORE COMPLETO TD20	MOTOR COMPL. TD20	1 Pc's
206-a	GR37ASK8901969	VITE MRT-TT 5x12 FZB T20	SCREW MRT-TT 5x12 FZB T20	4 Pc's
206-b	GR37ASK-80GR37ASK80119	CONDENSATORE 8UF 450V P2 CLASS	CAPACITOR 8UF 450V P2 CLASS	1 Pc's
208	GR37ASK8055200	VENTOLA INTERNA	FAN IMPELLER INT.	1 Pc's
208-a	GR37ASK8901192	DADO BLOCCAGGIO 6 BH8 ZINCATO	NUT LOCKING 6 BH8 GALV	1 Pc's
211	GR37ASK8087750	SEDE CONDENSATORE SUPERIORE UL4	CONDENSER HOUSE UPPER UL4	1 Pc's
212	GR37ASK8080060	SEDE CONDENSATORE INFERIORE/2 UL4	CONDENSER HOUSE LOWER /2 UL4	1 Pc's
212-a	GR37ASK8902087	VITE PTK 40X14 WN1452 FZB T20	SCREW PTK 40X14 WN1452 FZB T20	3 Pc's
214	GR37ASK8081575	COPERCHIO DI TENUTA DEL CONDENSATORE	SEALING CONDENSER LID	1 Pc's
215	GR37ASK8077505-81	COPERCHIO DEL CONDENSATORE	CONDENSER LID	1 Pc's
216	GR37ASK8077508-49	FERMO DI CHIUSURA DEL COPERCHIO CONDENSATORE	LOCK CATCH CONDENSER LID	2 Pc's
216-a	GR37ASK8902085	VITE PT KB40X10 WN1442 RFS	SCREW PT KB40X10 WN1442 RFS	2 Pc's
217	GR37ASK8077507-49	MANOPOLA DEL COPERCHIO CONDENSATORE	KNOB CONDENSER LID	2 Pc's
217-a	GR37ASK8902085	VITE PT KB40X10 WN1442 RFS	SCREW PT KB40X10 WN1442 RFS	2 Pc's
219	GR37ASK8063752	SET CONDENSATORE COMPLETO	CONDENSER SET COMPLETE	1 Pc's
220	GR37ASK8801214	BRACCIO DI TENSIONE CON CUSCINETTO	TENSION ARM W.BALL BEARING	1 Pc's
221	GR37ASK8801427	POMPA ACQUA DEL CONDENSATORE COMPL.50HZ	COND. WATERPUMP COMPL. 50HZ	1 Pc's
223	GR37ASK8053056	GALLEGGIANTE	FLOAT	1 Pc's
224	GR37ASK8053098	PERNO DEL GALLEGGIANTE	FLOAT PIN	1 Pc's
225	GR37ASK8076103	MICRO INTERRUTTORE GELLEGGIANTE TD25	MICRO SWITCH FLOAT TD25	1 Pc's
227	GR37ASK8059711	STRISCIA DI GOMMA 6X9X550	SPONGE RUBBER STRIP 6X9X550	1 Pc's
235	GR37ASK8077484-49	COPERTURA PER CHIOCCIOLA VENTILATORE	COVER FOR FAN HOUSING	1 Pc's
237	GR37ASK8083344	TERMISTORE TD	THERMISTOR TD	1 Pc's
238	GR37ASK8076365	TERMISTORE GROMMET	GROMMET THERMISTOR	1 Pc's
244	GR37ASK8063905	SET DI TENUTA DEL CONDENSATORE	SEALING STRIP CONDENSER SET	2 Pc's
246	GR37ASK8058323	ASTA DI TENUTA DELL'ESSICCATOIO	SHAFT SEAL DRYER	1 Pc's
251	GR37ASK8079494	ATTACCO A PRESSIONE DELLA STRISCIA DI TENUTA 6X9X550	SEALING STRIP PUSH FIT	1 Pc's
252	GR37ASK8077495-49	CERNIERA PER COPERCHIO CONDENSATORE	HINGE FOR CONDENSER LID	1 Pc's

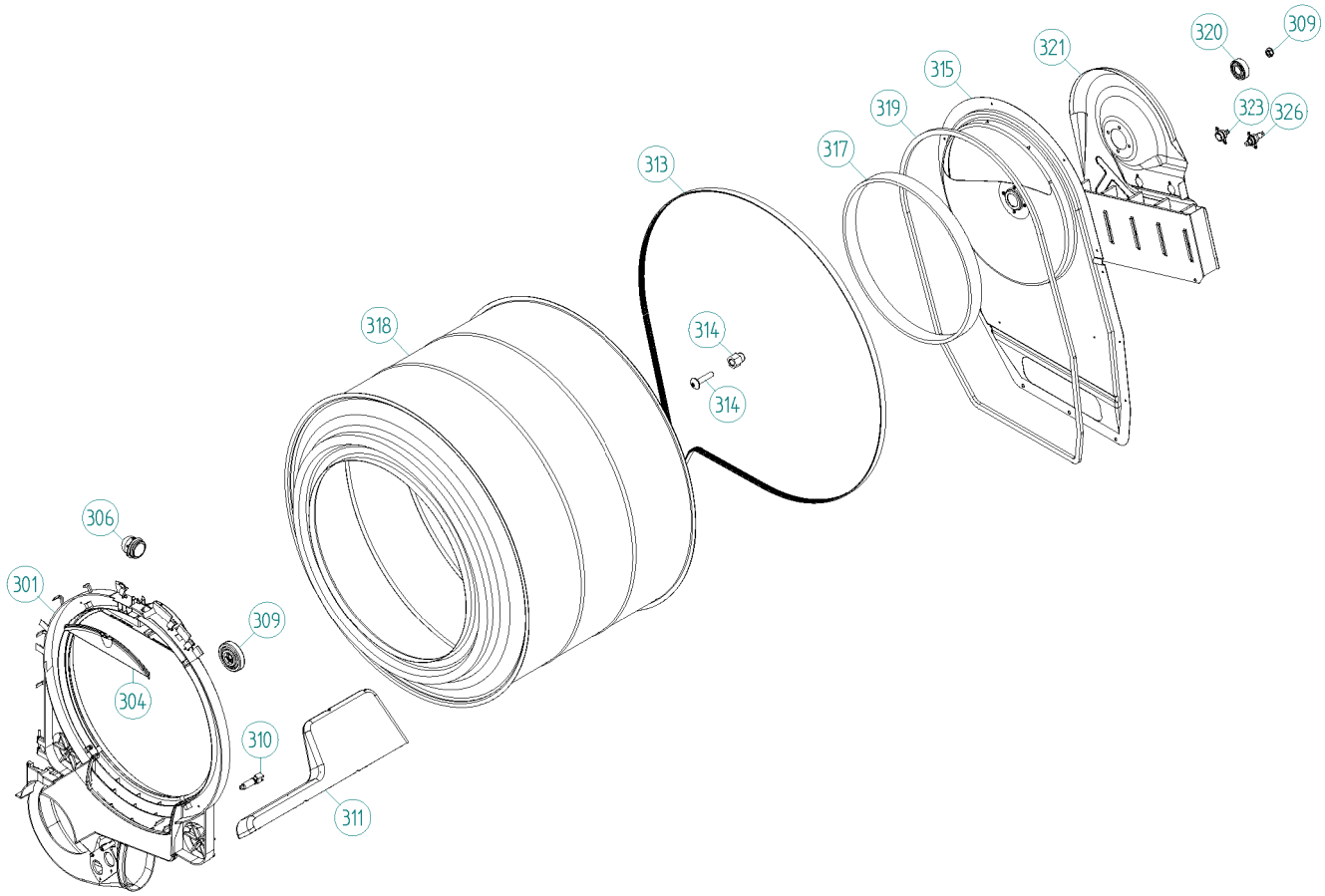
Parte inferiore
Lower session



Vasca e parti correlate
Cylinder and related parts

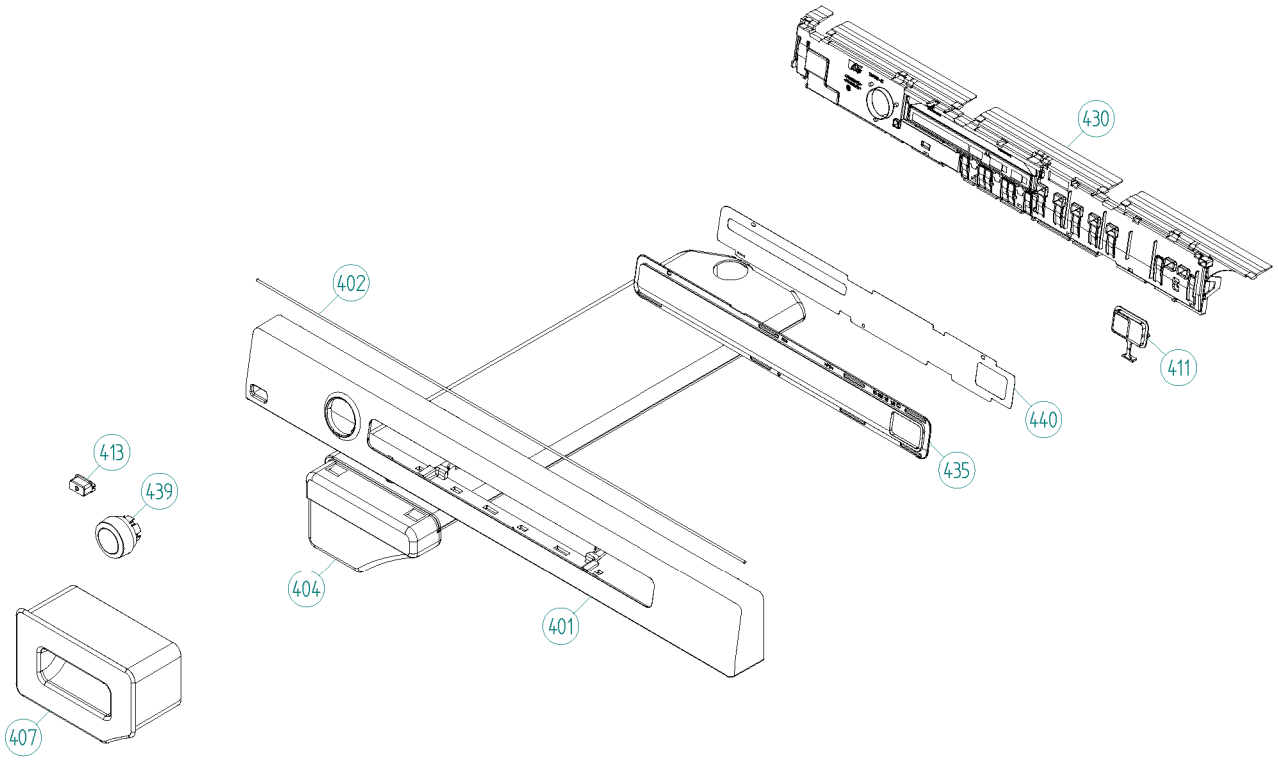
Pos	Code	Descrizione	Description	Qty
301	GR37ASK8801322	TELAIO COMPLETO TD60	FRONT FRAME COMPL. TD60	1 Pc's
301	GR37ASK8083949-49	TELAIO COMPLETO	FRONT FRAME COMPL.	1 Pc's
304	GR37ASK8061932-49	COPERCHIO GRIGIO SEDE LAMPADA UL4	LAMP HOUSING LID GREY UL4	1 Pc's
306	GR37ASK8061887	SUPPORTO PER LAMPADA ULTEM TD20 UL4	LAMP CHIMNEY ULTEM TD20 UL4	1 Pc's
309	GR37ASK8052622	SUPPORTO RULLO COMPLETO	SUPPORT ROLLER COMPLETE	2 Pc's
309-a	GR37ASK8901337	SUPPORTO RULLO COMPLETO	WASHER BRB 8,4X16 HB 200 GALV	2 Pc's
309-b	GR37ASK8901193	DADO AUTOBLOCC. 8 BH8 ZINCATO	NUT LOC-KING 8 BH8 GALV	2 Pc's
309-c	GR37ASK8901028	VITE M6S 8.8 M8x25 FZB	SCREW M6S 8.8 M8x25 FZB	2 Pc's
310	GR37ASK8083344	TERMISTORE TD	THERMISTOR TD	1 Pc's
311	GR37ASK8052589-49	SBATTITORE TD	PADDLE TD	2 Pc's
311-a	GR37ASK8902099	VITE PTK 50X14 WN1452 FZB T20	SCREW PTK 50X14 WN1452 FZB T20	5 Pc's
313	GR37ASK8801267	KIT GUIDA CINGHIE+MOLLA DI TEN-SIONAM.	KIT DRIVEBELT+TENSIONER SPRING	1 Pc's
313	GR37ASK8088503	GUIDA CINGHIE 7PH 1970 5D	DRIVEBELT 7PH 1970 5D	1 Pc's
314	GR37ASK8052632	BOCCOLA	BEARING BUSH	1 Pc's
314-a	GR37ASK8901130	VITE A4-MVBF M8X40 7,9-8,0 HG	SCREW A4-MVBF M8X40 7,9-8,0 HG	1 Pc's
315	GR37ASK8076335	PANNELLO POSTERIORE INTERNO TD25	REAR PANEL INNER TD25	1 Pc's
317	GR37ASK8083190	FELTRO DI CHIUSURA POST. CON SPU-GNA	FELTSEALING REAR W. FOAM	1 Pc's
318	GR37ASK8079449	CESTO COMPLETO TD	CYLINDER COMPL. TD	1 Pc's
318	GR37ASK8079493	CESTO COMPLETO TD	CYLINDER COMPL. TD	1 Pc's
319	GR37ASK8059712	SRISCIA DI GOMMA 6X9X1660	SPONGE RUBBER STRIP 6X9X1660	1 Pc's
320	GR37ASK8004439	CUSCINETTO SKF 6202-2Z/C3Q66	BALL BEARING SKF 6202-2Z/C3Q66	1 Pc's
321	GR37ASK8082320	RESISTENZA RISCALDAMENTO 3000W	HEATING ELEMENT 2500W	1 Pc's
321-a	GR37ASK8900369	VITE RTS 4,8X13 FZB T25	SCREW RTS 4,8X13 FZB T25	2 Pc's
321-b	GR37ASK8901415	RONDELLA AZ 5,3 GALV	LOCK WASHER AZ 5,3 GALV	2 Pc's
323	GR37ASK8079200	TERMOSTATO 135C TD	THERMOSTAT 135C TD	1 Pc's
326	GR37ASK8077385	TERMOSTATO 150C 1/2"	THERMOSTAT 150C 1/2"	1 Pc's

Vasca e parti correlate
Cylinder and related parts

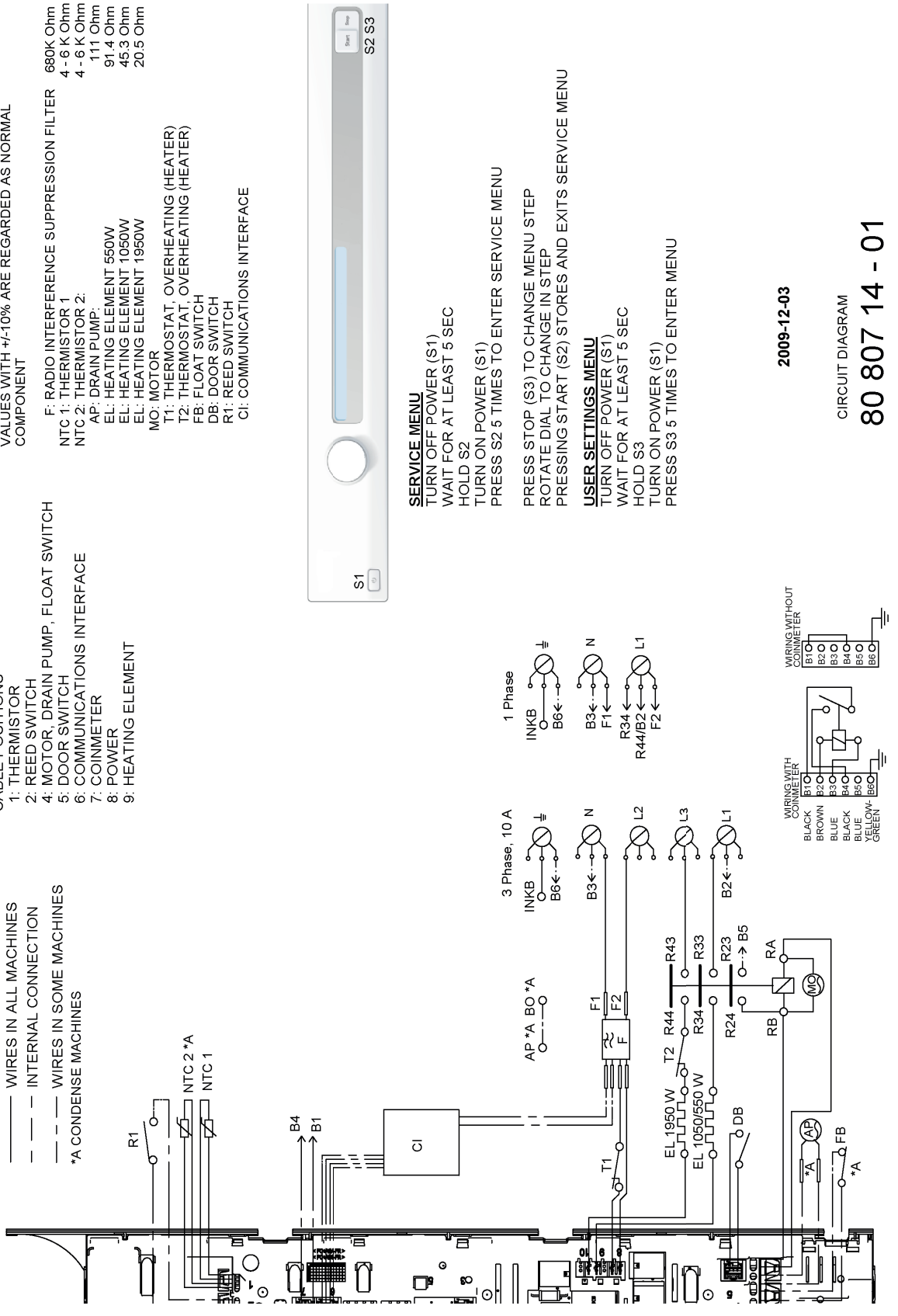


Pannello di controllo
Control panel

Pos	Code	Descrizione	Description	Qty
401	GR37ASK8080887-69	PANNELLO WMD60.2 MECCANICA	PANEL WMD60.2 MECH.	1 Pc's
402	GR37ASK8079749	CAVO O-RING IN GOMMA	O-RING CORD CELLULAR RUBBER	1 Pc's
404	GR37ASK8077503	VASCHETTA RECUPERO CONDENSA	WATERTANK	1 Pc's
407	GR37ASK8077501-81	MANOPOLA VASCHETTA RECUPERO CONDENSA	HANDLE WATER TANK	1 Pc's
411	GR37ASK8081749-69	PULSANTE START/STOP STAMPATO TD	PUSHBUT. START/STOP PRINTED TD	1 Pc's
413	GR37ASK8081710-69	PULSANTE PRINCIPALE WMD60.2	PUSHBUTTON MAIN SWITCH WMD60.2	1 Pc's
430	GR37ASK8080629	UNITA' DI CONTROLLO TD60.C	CONTROL UNIT TD60.C	1 Pc's
435	GR37ASK8083316	LENTE 0-OPTIONS WMD60.2	LENS 0-OPTIONS WMD60.2	1 Pc's
439	GR37ASK8083075-69	MANOPOLA OEM WMD60.2	KNOB OEM WMD60.2	1 Pc's
440	GR37ASK8083375-81	MEMBRANA DECORATIVA 0-OPTIONS WMD60.C	DECOR PLATE 0-OPTIONS WMD60.C	1 Pc's
469	GR37ASK8083064	SET CAVI SELF-SERVICE WMD60.C	CABLE SET COIN OP. WMD60.C	1 Pc's
469	GR37ASK8086440	SET CAVI SELF-SERVICE CASSETTO GETTONIERA	CABLE SET COIN BOX	1 Pc's



Schema elettrico
Circuit diagram



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Updates

Revi-sion	Date	Description
01	2009-08-12	Conference version
02	2010-04-29	Supplemented with information
03	2010-07-19	Added information about automatic lint filter detection

Introduction

It should be easy to service a tumble dryer. It is important that you, as a service technician, are provided the necessary conditions to work in an efficient and satisfactory manner. Our hope is that this service manual will prove a useful tool in your daily work.
The type designation can be found on the machine plate located on the right-hand side of the front panel (concealed by the door).

Lint filter sensor

A lint filter sensor was introduced in August 2010. If the lint filter is not fully seated or inserted incorrectly in the lint filter holder, the machine will not start. Moreover, an error message is displayed: "Insert filter". The system comprises a sensor in the lint filter holder and a magnet in the lint filter. When the lint filter is correctly inserted, the magnet triggers the sensor, which closes the circuit in the machine.

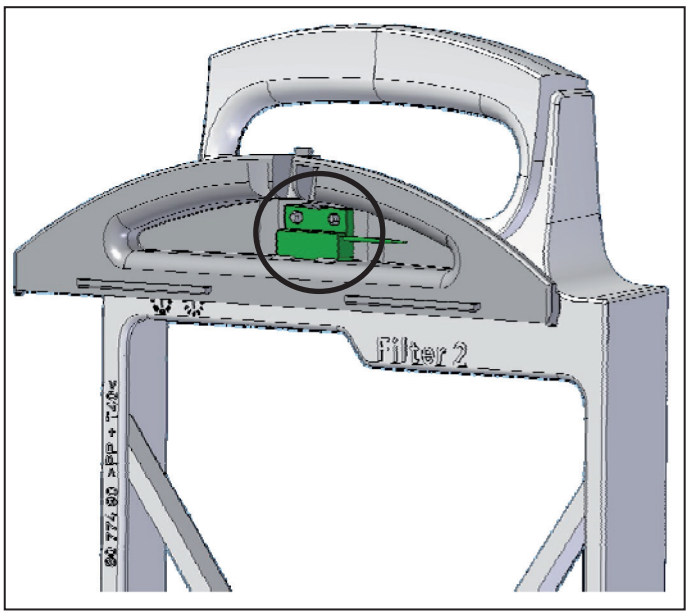


Fig.1 The sensor installed in the lint filter holder.

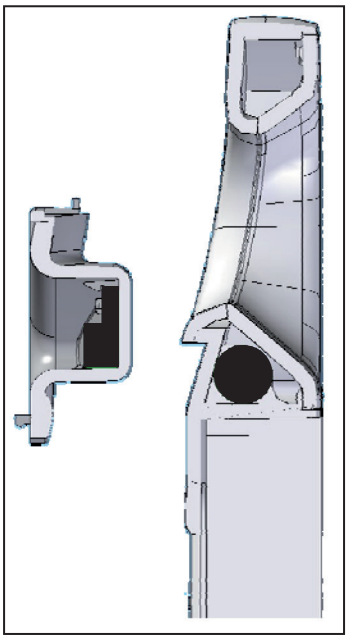
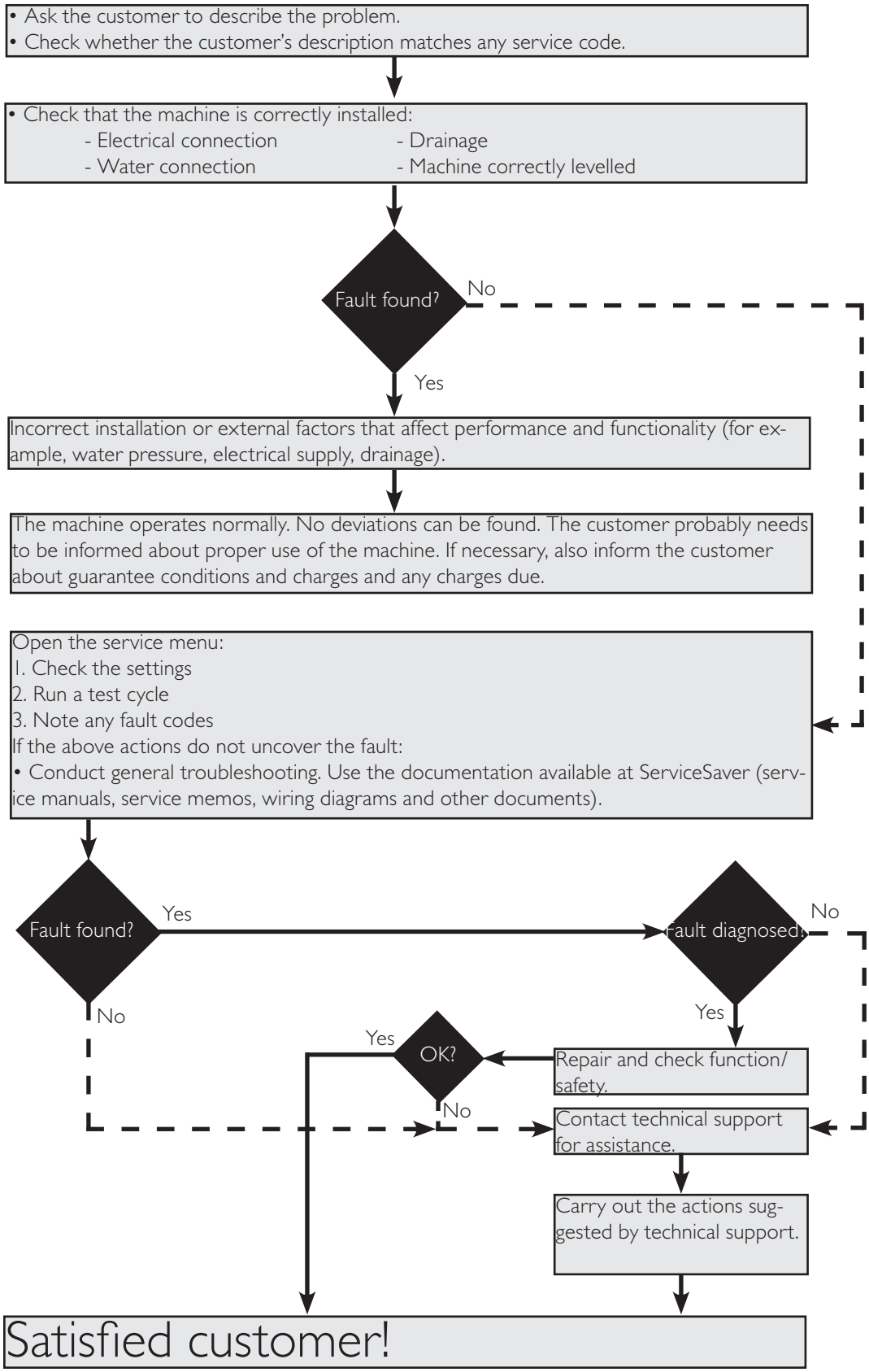


Fig.2 Lint filter holder and lint filter as seen from the side. On the left, the sensor in the lint filter holder; on the right, the magnet in the lint filter.

Troubleshooting strategy

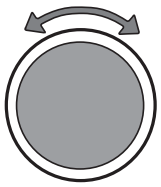
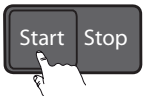
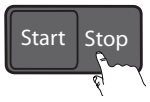

• Ask the customer to describe the problem.
• Check whether the customer's description matches any service code.
• Check that the machine is correctly installed:
- Electrical connection
- Water connection
- Drainage
- Machine correctly levelled
Fault found?
No
Yes
Incorrect installation or external factors that affect performance and functionality (for example, water pressure, electrical supply, drainage).
The machine operates normally. No deviations can be found. The customer probably needs to be informed about proper use of the machine. If necessary, also inform the customer about guarantee conditions and charges and any charges due.
Open the service menu:
1. Check the settings
2. Run a test cycle
3. Note any fault codes
If the above actions do not uncover the fault:
• Conduct general troubleshooting. Use the documentation available at ServiceSaver (service manuals, service memos, wiring diagrams and other documents).
Fault found?
Yes
Fault diagnosed?
No
No
Yes
Yes
OK?
Repair and check function/ safety.
No
Contact technical support for assistance.
Carry out the actions suggested by technical support.
Satisfied customer!

Product overview

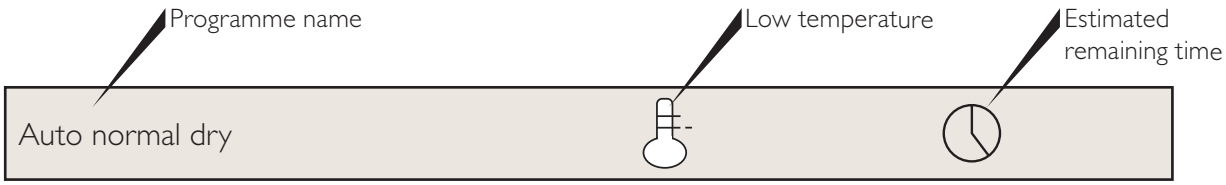
Programmes: A total of 7 programmes.

Settings: 4 settings (Language, Child-safe, Buzzer, Heater 2)

Knob and button descriptions

	Programme selector (J1) Turn clockwise or anti-clockwise to cycle through the different programmes and options in the various menus.
	Start button (S2) • Start programme
	Stop button (S3) • Stop programme (press and hold for 3 seconds).

LCD description



Programme table

Programme	Material	Tempe-rature	Max. load (kg)	Energy consumption (approx. kWh)		Programme time	
				800 rpm	1600 rpm	800 rpm	1600 rpm
Auto extra dry	Cotton, linen	Auto normal dry	6	4.5	3.5	2:25	1:55
Auto dry	Cotton, linen	Auto normal dry	6	4.3	3.2	2:15	1:45
*Auto normal dry	Cotton, linen	Auto normal dry	6	2.0	-	1:10	-
Auto extra dry, low temperature	Cotton, linen	Low	6	3.9	2.8	2:00	1:30
Auto dry, low temperature	Permanent press, polyester/cotton	Low	3	1.7	-	0:55	-
Auto normal dry, low temperature	Acrylic, rayon, acetate	Low	3	2.0	-	1:15	-
Auto iron dry	Cotton, linen	Low	6	3.0	2.2	1:35	1:10

*Programme tested in accordance with EN 60456/A11/A12/.

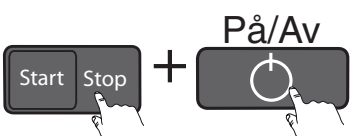
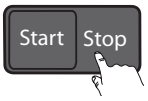
Here we present a few examples of the energy and time consumption of a few different programme settings. Consumption can vary depending on room temperature, humidity, load, variations in the power supply and selected options.

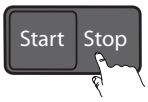
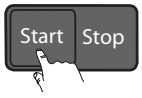
The following apply for the specified consumption values:
Temperature of intake air: 23°C
Moisture content of intake air: 55%
Drying temperature: Normal or low
Heater output: 3000 W

Programme descriptions

Programme designation	Description
Auto extra dry	This programme is for items that are particularly difficult to dry, e.g. jeans with very thick seams.
Auto dry	These programmes shut off the heat once the load is dry but before it is "overly dry". The Auto dry programme shuts off the heat slightly later than Auto normal dry. Use trial and error to find out what works best. Use these programmes when you want items to be completely dry.
Auto normal dry	These programmes shut off the heat once the load is dry but before it is "overly dry". The Auto dry programme shuts off the heat slightly later than Auto normal dry. Use trial and error to find out what works best. Use these programmes when you want items to be completely dry.
Auto extra dry, low temperature	This programme is for items that are particularly difficult to dry, e.g. jeans with very thick seams.
Auto dry, low temperature	These programmes shut off the heat once the load is dry but before it is "overly dry". The Auto dry programme shuts off the heat slightly later than Auto normal dry. Use trial and error to find out what works best. Use these programmes when you want items to be completely dry.
Auto normal dry, low temperature	These programmes shut off the heat once the load is dry but before it is "overly dry". The Auto dry programme shuts off the heat slightly later than Auto normal dry. Use trial and error to find out what works best. Use these programmes when you want items to be completely dry.
Auto iron dry	This programme shuts off the heat once the load is just damp enough for ironing or pressing.

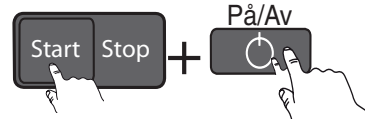
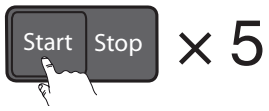
Settings

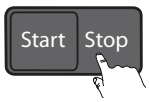
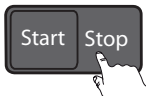
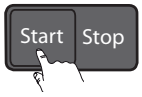
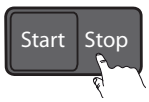
Opening the settings menu	
	Is the machine on? First turn off the power at the main power switch (S1). Press the Stop button (S3) while simultaneously pressing the main power switch (S1).
	Press the Stop button 5 times within 10 seconds. The settings menu now opens.

Choosing a setting		
1		Turn the programme selector (J1) to cycle through the menu options.
2		Press the Stop button (S3) to make a selection.
3		Turn the programme selector (J1) to cycle through the different settings available for this selection.
4		Press the Stop button (S3) to save the setting. Turn the programme selector (J1) to make further selections.
5		Press the Start button (S2) to open the programme menu.

Service menu content		Comments
Language	US English	
	English	
	Svenska	
	Dansk	
	Norsk	
	Suomi	
	Français	
	Deutsch	
	Italiano	
	Espanol	
	Русский	
	Nederlands	
Child-safe	Child-safe Off	You can temporarily disable Child-safe start by pressing "Start" and "Door opening" simultaneously.
	Child-safe On	
Buzzer	Buzzer Off	
	Buzzer On	
Heater 2	Heater 2 Off	
	Heater 2 On	

Service menu

Opening the service menu	
	If the machine is on: First turn off the power at the main power switch (S1). Press and hold the Start button (S2) while simultaneously pressing the main power switch (S1).
	Press the Start button (S2) 5 times within 5 seconds. The service menu now opens (shown on LCD display).

Navigating the service menu		
1		Press the Stop button (S3) to cycle through the service menu options.
2		Turn the programme selector (J1) to cycle through the different settings available for a selection.
3		Press the Stop button (S3) to select a setting.
4	 or 	Press the Start button (S2) to save the setting and return to the programme menu. or Press the Stop button (S3) to save the setting and return to the service menu.

Service menu content

SP	SP:		Date the software was programmed (Year_Week)
	CM:		Date of manufacture of the control unit (Year_Week)
	SW:		Software version
	NCP0:		Total number of cycles run
	NCP1:		Number of cycles for Programme 1
	NCP2		Number of cycles for Programme 2
	NCP3:		Number of cycles for Programme 3
	NCP4:		Number of cycles for Programme 4
	NCP5:		Number of cycles for Programme 5
	NCP6:		Number of cycles for Programme 6
	NCP7:		Number of cycles for Programme 7
	Press the Stop button (S3) to continue.		
Fault	Fault 1		If the machine has a fault the type of fault is displayed.
	Fault 2		
	Fault 3		
Test	Motor		
	Heater 1		
	Heater 2		
	Drain		
	Buzzer		
	Press the Stop button (S3) to continue.		
Dry level	0		Drying time not extended.
	+5		Drying time extended by 5 min.
	+10		Drying time extended by 10 min.
	+15		Drying time extended by 15 min.
	+20		Drying time extended by 20 min.
Block Programs	Auto extra dry	Off	Use the Stop button (S5) to toggle between On and Off.
		On	
	Auto dry	Off	
		On	
	Auto normal dry	Off	
		On	
	Auto extra dry, low temperature	Off	
		On	
	Auto dry, low temperature	Off	
		On	
	Auto normal dry, low temperature	Off	
		On	
	Auto iron dry	Off	
		On	
Coin	Off		
	On		
Filter	Off		Detects whether the filter is blocked.
	On		

Filter interval	0	Sets the display interval for "Clean Lint Filter". 0 = no display, 1 = display every programme etc.
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
Condenser interval	0	Sets the display interval for "Clean condenser". 0 = no display, 1 = display every 100 programmes etc.
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
Total Reset		Resets all settings to factory defaults.

Fault indicators

Error message	Cause	Action
Over Flow	• A micro switch is opened when a full condensed water tank is detected. Detection begins 30 seconds after the programme starts. If the micro switch is open >30 seconds the programme cycle is stopped.	• Check that the customer has emptied the tank and restarted the machine. • Clean hoses and check voltage and resistance of drainage pump. • Check that the float has not got "stuck" and check the function of the micro switch.
Max program time	• The programme cycle time exceeds 200 minutes. The cycle is stopped and the programme is reset. • High ambient temperature combined with low heater output and low drying temperature causes condensation to form. • Poor condensing due to blocked external air.	• Tried spinning at a higher speed. • Had the machine switched off for 30 minutes before restarting. • Good ventilation in the room. • Ensure that the external air has free passage.
Clean filter	• Indicated when the air flow and temperature do not match.	• Clean the filter.
Clean condenser	• Displayed automatically every 100 cycles. • Displayed if the machine has indicated "Clean filter" twice in a row.	• Clean condenser and filter. • Clean other air passages.
Thermistor fault	• Thermistor circuit open. • Thermistor malfunction.	• Check the thermistor.
Insert filter	• The filter is not correctly inserted in the lint filter holder, which means the magnet in the lint filter cannot trigger the sensor in the lint filter holder.	• Properly insert the lint filter in the lint filter holder.

Components and measurement values

Item number	Component	Measurement value	Comment
80 618 24	Motor 50 Hz, 220/240 V	Primary winding: 23.8 Ω Auxiliary winding: 28.1 Ω Current: 1.1 A; 270 W; 2850 rpm	
80 618 95	Motor 60 Hz, 220/240 V	Winding resistance: cable colour grey-blue 25.5 Ω cable colour grey-red 16.0 Ω Current: 0.9 A; 200 W; 3300 rpm	The motor is a 2-pin motor and is directly connected to the fan for internal air and gearing for driving the cylinder. On condenser dryers, the motor also drives the fan for external air.
73 829 92	Capacitor 6 µF		The capacitor is mounted on the motor.
80 546 40	Capacitor 4 µF		
88 011 94	Condensing water pump 25 W	111 Ω	
80 762 02 80 844 11	EMC filter		The filter eliminates interference to and from the machine.
80 833 44	Thermistor	40–60 kΩ (at room temperature 20–30°C)	The thermistor controls temperature regulation. If the thermistor is short-circuited or detaches from the control unit, the programme is stopped.
80 773 85 80 796 00	Thermostat/overheating cut-out (150°C automatic) Thermostat/overheating cut-out (135°C automatic)		The thermostat/overheating cut-out stops the programme if the temperature becomes too high.
80 738 36	Door switch		The front door triggers a door switch, which stops the programme when the door is open. If the door has been opened and closed during the programme the machine must be restarted using the start/stop button.
80 761 03	Overflow cut-out		If both tanks are full the programme is stopped by a float switch installed in the lower tank. Over flow is indicated on the display.
	Electrical connection		The machine is delivered as single phase and can be switched between 1950 W, 10 A and 2500 W, 16 A. The buttons are used to switch between 1950 W / 10 A and 2500 W / 16 A via the software.
8080604	Control unit		
80 832 20	Heating element 2500 W	Heater 1: 1950 W, 24.5 Ω Heater 2: 550 W, 91.4 Ω	
80 829 32	Heating Element 3000W	Heater 1: 1950 W, 24.5 Ω Heater 2: 1050 W, 45.3 Ω	

Technical data

Height:	850 mm
Width:	595 mm
Depth:	585 mm
Weight:	39 kg (vented) 47 kg (condenser)
Cylinder volume:	111 l
Max. load capacity:	EU 7.0 kg US/AU 6.0 kg
Speed:	52 rpm
Rated power:	1950 W = 10 A 2500 W = 16 A 3000 W = 16 A The buttons are used to switch between 10 A and 16 A via the software.
Drum material:	Stainless steel
Outer panels:	Powder-coated and hot-galvanised sheet steel or stainless steel
Installation:	Stacked or freestanding
Protection class:	IP X4

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Industrial Laundry Equipment

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